

Tuesday, March 18, 1997
PRESOLAR GRAINS
1:30 p.m. Room A

Chairs: S. A. Sandford
T. Stephan

Foster P. N. Boss A. P.*

Injection of Radioactive Nuclides from the Stellar Source That Triggered the Collapse of the Presolar Cloud Core

Hoppe P.* Annen P. Strebel R. Eberhardt P. Amari S. Lewis R. S.

Circumstellar SiC Grains of Type Z: Evidence for Extensive He Shell Dredge-Up in Low-Metallicity Low-Mass AGB Stars

Nicolussi G. K.* Davis A. M. Pellin M. J. Lewis R. S. Clayton R. N. Amari S.

s-Process Zirconium in Individual Presolar Silicon Carbide Grains

Amari S.* Nittler L. R. Zinner E. Lewis R. S.

Continued Search for Rare Types of Presolar SiC: Grains X and Y

Stephan T.* Rost D. Jessberger E. K. Budell R. Greshake A. Zinner E. K. Amari S. Hoppe P. Lewis R. S.

TOF-SIMS Analysis of SiC Grains with High Lateral Resolution

Kehm K.* Gao X. Hohenberg C. M. Meshik A. P. Swan P. D. Walker R. M.

Ne and Xe in SiC from the Acfer 094 Meteorite

Gao X.* Nittler L. R.

³⁰Si-Enriched Presolar SiC in Acfer 094

Nicolussi G. K. Davis A. M.* Pellin M. J. Lewis R. S. Clayton R. N. Amari S.

The Isotopic Composition of Molybdenum in Single Presolar Silicon Carbide Grains

Richter S.* Ott U. Begemann F.

Tellurium-H in Interstellar Diamonds

Mostefaoui S.* Zinner E. Hoppe P. El Goresy A.

In Situ Survey of Graphite in Unequilibrated Chondrites: Morphologies, C, N, and H Isotopes

Mendybaev R. A.* Beckett J. R. Grossman L. Stolper E.

Volatilization of Graphite in Reducing Gases: Preliminary Results

Sandford S. A.* Bernstein M. P. Swindle T. D.

The Trapping of Noble Gases by the Irradiation and Warming of Interstellar Ices